



# Communication Assets Survey and Mapping Tool

CASM is a web-based tool that assists public safety agencies to collect and visualize data, and assess inter-agency interoperability based on the communication assets and interoperability methods (i.e. land mobile radios, gateways, radio caches, interoperability channels, etc.) that exist in their urban area.

## Benefits:

### Sharing Data

CASM makes communication assets and interoperability data available to authorized users within an urban area or state. The tool assists participating public safety agencies in understanding the interoperability methods used by neighboring agencies, across disciplines and jurisdictions.

### Access to Up-to-Date Data

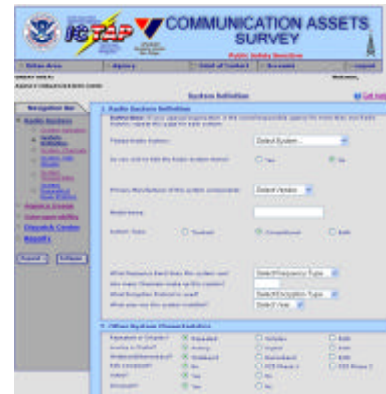
Repetitive data collection efforts need not be conducted once data has been entered into CASM. Maintenance of existing data is easy and may be done at any time.

### Identifying Gaps

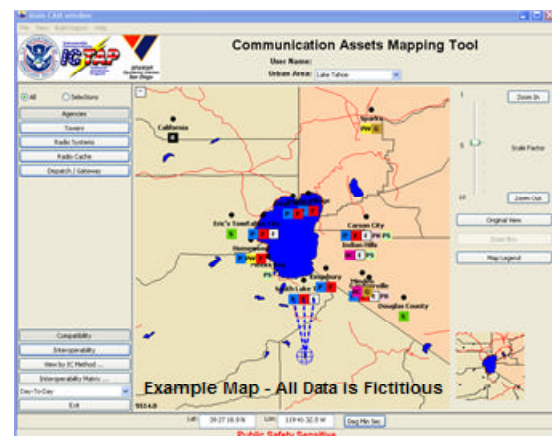
CASM provides a number of different ways to visualize potential interoperability between agencies in an urban area or state. This information may be used to design solutions to interoperability gaps.

### Reporting Options

CASM provides seven different pre-formatted reports that may be easily converted to standard word processing or spreadsheet documents for further customization by individual users.



Communication Assets Survey (CAS)



Communication Assets Mapping (CAM)

## Features:

### Web-based tool

Data is entered into a single database by geographically disparate users, where and when it is convenient. CAM pulls the newest Urban Area data to display each time it is launched.

### Duplication is minimized

Data entered in one place may reappear on other forms as selection choices. When one user enters data, it is viewable and, in some cases, selectable by other users.

### Data edit-ability

Permissions are based on user privileges and agency "ownership" of assets.

### Form-driven data entry

Numerous pick-lists assist users in entering uniform data. There are many opportunities to enter notes and comments.

### Map-based display interface

Agencies, communication assets and interoperability methods are viewable in a map-based interface.

### Inter-agency interoperability

Illustrated in a clear, color-coded format by using either the Compatibility function or Interoperability Matrix.

### Drill-down

Detailed information is available by clicking map icons.

### TICP

Interoperable Equipment portion of the Tactical Interoperable Communications Plan (TICP) Report can be generated directly from CASM data. Finalized TICP documents may be uploaded and stored in CASM.

### Reports

Comprehensive reports can be generated, printed and saved.

### Online Help

Online, printable help and tutorial.

### Scalable

With ICTAP assistance, the scope of data collection and visualization may be expanded to a larger geographic area over time.